

**XP-002276645**

**AN - 1994-114850 [14]**

**AP - JP19920224182 19920824**

**CPY - ELED**

**DC - A14 A21 A23 A94 P73**

**FS - CPI;GMPI**

**IC - B32B1/02 ; B32B1/08 ; B32B25/08 ; B32B27/34**

**MC - A04-E10B A04-F01A A05-A01E A05-F01E A07-A04A A08-C01 A12-H02 A12-P01B  
A12-S07A**

**PA - (ELED ) DENKI KAGAKU KOGYO KK**

**PN - JP6064098 A 19940308 DW199414 B32B25/08 012pp**

**PR - JP19920224182 19920824**

**XA - C1994-052966**

**XIC - B32B-001/02 ; B32B-001/08 ; B32B-025/08 ; B32B-027/34**

**XP - N1994-090168**

**AB - J06064098 Laminate comprises (A) thermoplastic elastomer which contains acrylic elastomer, polyvinylidene fluoride resin and epoxide and (B) nylon resin.**

- Also claimed are moulded prods, in plate and tube and containers formed from the laminate.
- The thermoplastic elastomer also contains a crosslinking agent. The acrylic elastomer is a polymer consisting mainly of acrylic acid alkyl ester or acrylic acid alkoxyalkyl ester and contg. copolymerisable ethylenically unsatd. cpd. and crosslinkable monomer. Most pref. is a copolymer of 85-95 wt.% of alkoxyalkyl acrylate and 5-15 wt.% of acrylonitrile. The polyvinylidene fluoride resin includes homopolymer and copolymer of vinylidene fluoride. It is used in more than 10, pref. 30-80 pts.wt. per 100 pts.wt. of acrylic elastomer. The epoxide includes epoxy gp.-contg. ethylenically unsatd. cpd. bisphenol A-type epoxy resin and silane coupling agent. It is used in more than 1.5, pref. 8-30 pts.wt. per 100 pts.wt. of acrylic elastomer. The nylon resin includes nylon 6, 11, 12, 66, 46, 610, 612 and MXD6.

- ADVANTAGE - Laminate has excellent resistance to heat and fuel oil, high rigidity and vibration absorbability.(Dwg.0/0)

**IW - OIL HEAT RESISTANCE LAMINATE HIGH RIGID VIBRATION ABSORB COMPRIZE  
NYLON RESIN THERMOPLASTIC ELASTOMER CONTAIN POLYACRYLIC ELASTOMER PVDF  
EPOXIDE**

**IKW - OIL HEAT RESISTANCE LAMINATE HIGH RIGID VIBRATION ABSORB COMPRIZE  
NYLON RESIN THERMOPLASTIC ELASTOMER CONTAIN POLYACRYLIC ELASTOMER PVDF  
EPOXIDE**

**NC - 001**

**OPD - 1992-08-24**

**ORD - 1994-03-08**

**PAW - (ELED ) DENKI KAGAKU KOGYO KK**

**TI - Oil and heat resistant laminate having high rigidity and vibration absorbabilibity - comprises nylon resin and thermoplastic elastomer contg acrylic] elastomer, PVDF and epoxide**

**A01 - [001] 017 ; R00363 G0555 G0022 D01 D12 D10 D51 D53 D58 D69 D82 F- 7A ;  
H0000 ; H0135 H0124 ; H0011-R ; S9999 S1434 ; S9999 S1661 ;  
- [002] 017 ; H0022 H0011 ; G0340-R G0339 G0260 G0022 D01 D12 D10 D51  
D53 D58 D63 F41 D11 F34 G0373 G0340 ; G0022-R D01 D51 D53 ; S9999  
S1434 ; S9999 S1661 ; M9999 M2073 ; P0088 ;**

XP- 002276645

- [003] 017 ; H0022 H0011 ; G0340-R G0339 G0260 G0022 D01 D12 D10 D51 D53 D58 D63 F41 D11 F34 G0373 G0340 ; R00817 G0475 G0260 G0022 D01 D12 D10 D51 D53 D58 D83 F12 ; S9999 S1434 ; S9999 S1661 ; M9999 M2073 ; P0088 ;
- [004] 017 ; G1570-R G1558 D01 D11 D10 D23 D22 D31 D42 D50 D69 D83 F47 7A ; R00470 G1161 G1150 G1149 G1092 D01 D11 D10 D19 D18 D32 D50 D93 F32 F30 ; P0464-R ; H0022 H0011 ; P0055 ; H0293 ; H0135 H0124 ; S9999 S1434 ; S9999 S1661 ; P0475 ;
- [005] 017 ; D01 D11 D10 D19 D18 D31 D50 D93 F70 ; P0635-R F70 ; P0646 P0635 F70 ; P0668 P0635 F70 ; P0679 P0635 F70 ; P0691 P0635 F70 ; P0680 P0635 F70 ; P0704 P0635 F70 ; P0715 P0635 F70 ; H0293 ; S9999 S1434 ; S9999 S1661 ;
- [006] 017 ; G0340-R G0339 G0260 G0022 D01 D12 D10 D51 D53 D58 D63 F41 D11 F34 G0373 G0340 ; G0022-R D01 D51 D53 ; R00817 G0475 G0260 G0022 D01 D12 D10 D51 D53 D58 D83 F12 ; S9999 S1434 ; S9999 S1661 ; M9999 M2073 ; H0033 H0011 ; P0088 ;
- [007] 017 ; K9745-R ; B9999 B4682 B4568 ; B9999 B4671 B4568 ; B9999 B4079 B3930 B3938 B3747 ; B9999 B4002 B3963 B3930 B3938 B3747 ; Q9999 Q7818-R ; K9483-R ; K9676-R ; K9712 K9676 ; K9574 K9483 ; Q9999 Q8399-R Q8366 ; Q9999 Q8731 Q8719 ; ND04 ;
- [008] 017 ; F86 F83 Si 4A ; A999 A033 ;